

109P0424H3013 Sanyo Denki 24VDC 40x40x28mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: 1030695379994

Category: Axial & Centrifugal Fans

Price: **\$32.99**

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Product Page:

<https://www.equipspares.com/product/109p0424h3013-sanyo-denki-24vdc-40x40x28mm-axial-fan>

Product Description

Sanyo Denki 109P0424H3013 is a 40 x 40 x 28 mm axial cooling fan operating at a nominal 24 VDC with a rated current of 0.095 A and 2.28 W power consumption. The unit features a high-performance dual ball bearing system and a flame-retardant plastic frame and impeller rated to UL 94V-0 standards. It delivers a rotational speed of 8700 RPM, producing an airflow of 0.32 m³/min (11.3 CFM) and a maximum static pressure of 102.9 Pa. The electrical interface consists of a 3-wire lead system incorporating a tachometer pulse sensor (FG) for real-time speed monitoring.

109P0424H3013 Specifications

Model: 109P0424H3013

Brand: Sanyo Denki

Series: San Ace 40 (P)

Frame Size: 40 x 40 x 28 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 12 to 27.6 VDC

Rated Current: 0.095 A

Rated Input: 2.28 W

Rated Speed: 8700 RPM

Max Airflow: 0.32 m³/min (11.3 CFM)

Max Static Pressure: 102.9 Pa (0.414 inchH₂O)

Noise Level: 37 dB(A)

Bearing Type: Dual Ball Bearing

Sensor Type: Pulse Sensor (FG)

Operating Temperature: -20 to +70 °C

Storage Temperature: -30 to +70 °C

Life Expectancy: 60,000 hours at 60 °C

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Mass: 55 g

Dielectric Strength: 50/60 Hz, 500 VAC, for 1 minute

Certifications: UL, CSA, EN, RoHS

109P0424H3013 Applications

Primary applications include integration into 1U/2U rackmount servers, telecommunications switching equipment, and industrial power supply units. Deployed within CNC controller cabinets, medical diagnostic imaging systems, and high-density network storage arrays requiring compact thermal management solutions.

Supplemental Images

